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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,901	10/23/2003	Travis S. Carter	191113.402	6545

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EXAMINER

GRAY, PHILLIP A

ART UNIT PAPER NUMBER

3767

DATE MAILED: 10/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/691,901

Applicant(s)

CARTER, TRAVIS S.

Examiner

Phillip Gray

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-54 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-54 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>10/23/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This office action is in response to applicant's communication of 3/24/2004.

Currently amended claims 1-54 are pending and rejected below.

Claim Objections

Claims 4, 16, 30, 37, 49 are objected to because of the following informalities: the claim subject matter features are not shown in the drawings. Appropriate correction is required. See drawing objection below.

Drawings

The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, "the nozzle portion comprises at least two nozzles, each of the at least two nozzles configured to be individually adjustable to a desired position and to retain the desired position", must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate

changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-19, 22, 25-40, 43, 46-20, 53-54 are rejected under 35 U.S.C. 102(b) as being anticipated by Diamond (U.S. Patent Number 5,624,393).

Diamond discloses a surgical irrigation device for use with a surgical tool (10 in figure 1), comprising: an expandable textured sleeve configured for attachment to the tool (16); a flexible tube conduit (12) having a distal tip and a proximal end, the conduit mounted on the sleeve (as shown in figure 1); and a flow control clamping member (18) mounted on the sleeve (11) and associated with the conduit (12) for controlling fluid flow through the conduit, and the distal tip comprises a positionable malleable nozzle

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portion, and a compressible reservoir bladder (22) with compressing means (hand or gravity).

The surgical device of Diamond discloses the clamping member is configured to enable selective clamping of the tube to control volume flow to the nozzle portion (see paragraph at column 2 line 61). Diamond further comprises a connector (24, 16 or connector near element 10) at the proximal end of the conduit.

The Diamond art discloses a surgical irrigation device (Figure 1, 2) for use with a surgical tool, the device comprising: means for holding and releasing fluid (22, 18); means for conducting fluid from the fluid holding and releasing means (22 to 14 by 18); means for releasably attaching the conducting means to the tool (12, 18); and means for controlling flow of fluid through the fluid conducting means (20, 18).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 20-21, 23-24, 41-42, 44-45, 51-52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Diamond in view of McPhee (U.S. Patent Number 5,429,607).

Diamond discloses the claimed invention except for the compressible member comprises an elastomeric syringe bulb urged into a compressed condition by an elastomeric resilient band member. McPhee teaches that it is known to use a

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compressible member (as shown in figures 1, 4, 9, 12) comprises an elastomeric syringe bulb (10, 12, 16) urged into a compressed condition by an elastomeric resilient band member (26, 62) as set forth in paragraphs beginning at column 2 through column 3 to provide an elastomeric powered IV actuation device that is convenient to use and inexpensive. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the irrigation system as taught by Diamond with a compressible member comprises an elastomeric syringe bulb urged into a compressed condition by an elastomeric resilient band member as taught by McPhee since such a modification would provide the irrigation system with a compressible member comprises an elastomeric syringe bulb urged into a compressed condition by an elastomeric resilient band member for providing an elastomeric powered IV actuation device that is convenient to use and inexpensive.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phillip Gray whose telephone number is (571) 272-7180. The examiner can normally be reached on Monday through Friday, 8:30 a.m. to 4:30 p.m. EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Sirmons can be reached on (571) 272-4965. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PAS

PAG

KEVIN C. SIRMONS
SUPERVISORY PATENT EXAMINER

Kevin C. Sirmons